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WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO



U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
MAY 14, 1976
PROJECTION SECTION
PROJECT SERIAL RECORDS
CURRENT SERIAL RECORDS

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

COLORADO STATE UNIVERSITY EXPERIMENT STATION
STATE ENGINEER of COLORADO
and STATE ENGINEER of NEW MEXICO

Data included in this report were obtained by the agencies named above in cooperation
with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAY 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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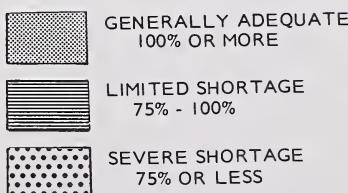
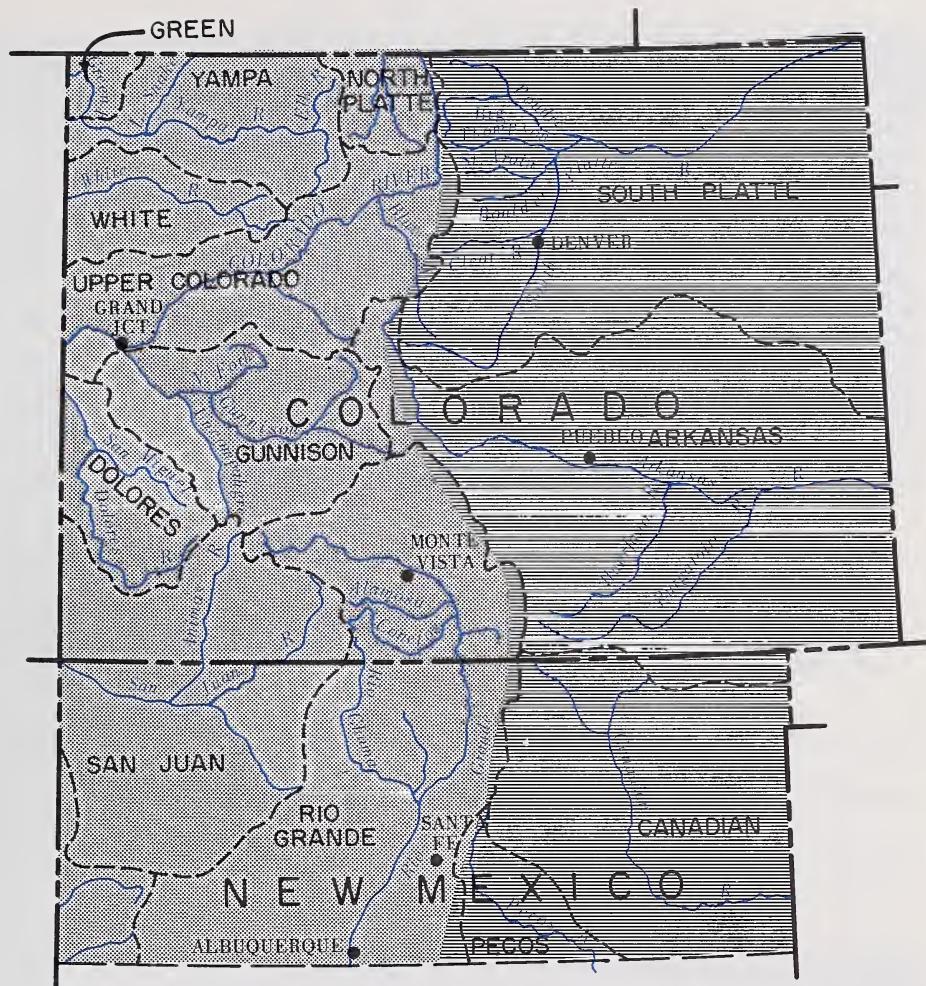
WATER SUPPLY OUTLOOK BY MAJOR WATERSHED AREAS

WATERSHED I	- SOUTH PLATTE RIVER WATERSHED
	Describes water supply conditions in Fort Collins, Big Thompson, Longmont, Boulder Valley, Jefferson, Teller-Park, Douglas County, Morgan, Kiowa, West Arapahoe, West Adams, East Adams, Platte Valley, Southeast Weld, and West Greeley Soil Conservation Districts.
WATERSHED II	- ARKANSAS RIVER WATERSHED
	Describes water supply conditions in Lake County, Upper Arkansas, Fremont, Custer County Divide, Fountain Valley, Black Squirrel, Horse-Rush Creek, Central Colorado, Turkey Creek, Pueblo, Bessemer, Olney Boone, Cheyenne, Upper Huerfano, Stonewall, Spanish Peaks, Purgatoire, Branson Trinchera, Western Baca, Southeastern Baca, Two Buttes, Bent, Timpas, Northeast Prowers, Prowers, Kiowa County, West Otero, East Otero, and Big Sandy Soil Conservation Districts.
WATERSHED III	- RIO GRANDE WATERSHED (COLORADO)
	Describes water supply conditions in Rio Grande, Center, Conejos, Mosca Hooper, Mt. Blanca, Sanchez, and Culebra Soil Conservation Districts.
WATERSHED IV	- RIO GRANDE WATERSHED (NEW MEXICO)
	Describes water supply conditions in Upper Chama, East Rio Arriba, Taos, Lindrith, Jemez, Santa Fe - Pojoaque, Sandoval, Tijeras, Cuba, and Edgewood Soil Conservation Districts.
WATERSHED V	- DOLORES, SAN JUAN, AND ANIMAS RIVERS WATERSHED
	Describes water supply conditions in San Miguel Basin. Dove Creek, Dolores, Mancos, LaPlata, Pine River, San Juan, San Miguel Basin, and Glade Park Soil Conservation Districts.
WATERSHED VI	- GUNNISON RIVER WATERSHED
	Describes water supply conditions in Delta, Gunnison, Cimarron, Shavano, and Uncompahgre Soil Conservation Districts.
WATERSHED VII	- COLORADO RIVER WATERSHED
	Describes water supply conditions in DeBeque, Plateau Valley, Lower Grand Valley, Bookcliff, Eagle County, Middle Park, Glade Park, Upper Grand Valley, South Side, and Mt. Sopris Soil Conservation Districts.
WATERSHED VIII	- YAMPA, WHITE AND NORTH PLATTE RIVERS WATERSHED
	Describes water supply conditions in Yampa, Moffat, West Routt, East Routt, North Park, White River, and Douglas Creek Soil Conservation Districts.
WATERSHED IX	- LOWER SOUTH PLATTE RIVER WATERSHED
	Describes water supply conditions in Sedgwick, South Platte, Haxton, Peetz, Padroni, Morgan, Rock Creek, and Yuma Soil Conservation Districts.
APPENDIX I	- SNOW SURVEY MEASUREMENTS
APPENDIX II	- SOIL MOISTURE MEASUREMENTS

WATER SUPPLY OUTLOOK

as of

MAY 1, 1976



The map on this page indicates the most probable water supply as of the date of this report. Estimates assume average conditions of snow fall, precipitation and other factors from this date to the end of the forecast period. As the season progresses accuracy of estimates improve. In addition to expected streamflow, reservoir storage, soil moisture in irrigated areas, and other factors are considered in estimating water supply. Estimates apply to irrigated areas along the main streams and may not indicate conditions on small tributaries.

WATER SUPPLY CONDITIONS

as of

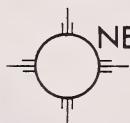
MAY 1, 1976

THE SNOW SEASON IS NEARLY OVER IN BOTH COLORADO AND NEW MEXICO. SOME VERY HIGH ELEVATION SNOWS ARE LIKELY TO OCCUR. ONLY UNDER VERY UNUSUAL CONDITIONS WOULD THESE SNOWS EFFECT SUMMER STREAMFLOWS. NO SERIOUS WATER SHORTAGES ARE EXPECTED IF SUMMER PRECIPITATION IS NEAR NORMAL, HOWEVER, SOME SHORTAGES CAN BE EXPECTED IN BOTH STATES. CARRYOVER STORAGE IS GENERALLY GOOD EXCEPT ON THE ARKANSAS RIVER IN COLORADO. FORECASTS ARE BASED ON NORMAL CLIMATIC CONDITIONS FOR THE REMAINDER OF THE YEAR.



COLORADO -- IRRIGATORS AND OTHER WATER USERS ON THE EAST SLOPE OF

COLORADO COULD HAVE SOME WATER SHORTAGES THIS SUMMER. THEY SHOULD NOT BE SEVERE. THE WESTERN SLOPE AND RIO GRANDE WATER USERS SHOULD HAVE ADEQUATE WATER SUPPLIES. STREAMFLOW FORECASTS IN THE STATE RANGE FROM 70% OF AVERAGE TO 110%. VALLEY SOIL MOISTURE IS REPORTED AS ONLY POOR TO FAIR DESPITE A WEEK OF CLOUDY RAINY WEATHER. CARRYOVER STORAGE IS GOOD AND WILL PROVIDE AN EXCELLENT SUPPLEMENTAL SUPPLY EXCEPT IN THE ARKANSAS BASIN. STORAGE IS VERY SHORT BELOW PUEBLO.



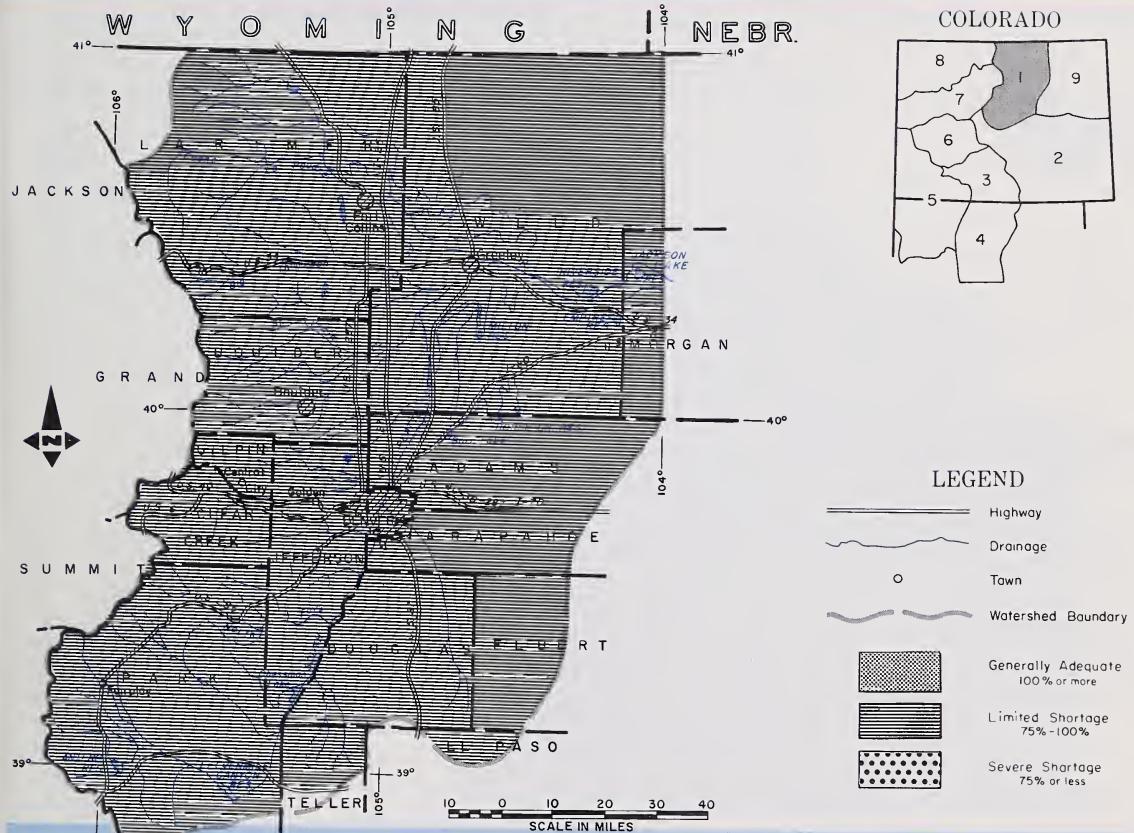
NEW MEXICO -- SOME WATER SHORTAGES COULD EXIST ALONG NEW MEXICO'S

SMALLER SNOW-MELT STREAMS. FORECASTS OF STREAMFLOW RANGE FROM 70% TO 90% OF THE 15-YEAR AVERAGE. WATER USERS ALONG THE MAINSTEM OF THE RIO GRANDE, CHAMA, AND SAN JUAN SHOULD HAVE ADEQUATE SUPPLIES ESPECIALLY EARLY. CARRYOVER STORAGE IS NEAR NORMAL. SOIL MOISTURE CONDITIONS ARE POOR.

**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
SOUTH PLATTE RIVER WATERSHED IN COLORADO**

as of
MAY 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



YOUR WATER SUPPLY

SOME WATER SHORTAGES ARE IN PROSPECT FOR THE SOUTH PLATTE AND ITS NORTHERN TRIBUTARIES. STREAMFLOW FORECASTS RANGE FROM A LOW OF 71% OF NORMAL ON BOULDER AND CLEAR CREEKS TO A HIGH OF 89% ON THE CACHE LA POUDRE. THE ONE OPTIMISTIC NOTE IS THE EXCELLENT CARRYOVER STORAGE. THIS WILL BE AN EXCELLENT SUPPLEMENTAL SUPPLY.

This report prepared by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average*
Big Thompson River at Drake (1)	88	82	107
Boulder Creek at Orodell	35	71	49
Cache La Poudre River at Canyon Mouth (2)	220	89	247
Clear Creek at Golden (3)	90	71	127
St. Vrain Creek at Lyons (4)	60	80	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gummick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Bear Creek	Avg.	Fair
Coal Creek	Avg.	Fair
North Fork of South Platte	Avg.	Fair
North Fork of Cache La Poudre	Avg.	Fair
Ralston Creek	Avg.	Fair
Rock Creek	Avg.	Fair

RESERVOIR STORAGE (thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Antero	33	16	16	14
Barr Lake	32	27	29	26
Black Hollow	8	5	5	4
Boyd Lake	44	40	36	38
Cache La Poudre	10	7	7	9
Carter Lake	109	106	109	99
Chambers Lake	9	3	4	4
Cheesman	79	43	50	60
Cobb Lake	34	15	17	15
Eleven Mile	98	98	97	89
Fossil Creek	12	9	7	8
Gross	43	14	14	23
Halligan	6	2	6	6
Horsetooth	144	126	115	121
Lake Loveland	14	9	10	10
Lone Tree	9	6	8	8
Mariano	5	5	5	5
Marshall	10	—	8	6
Marston	18	15	16	16
Milton	24	18	18	15
Standley	42	—	34	20
Terry	8	6	6	6
Union	13	11	12	10
Windsor	19	15	13	13

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Big Thompson	5	71	81
Boulder	3	81	83
Cache La Poudre	7	89	99
Clear Creek	6	77	85
Saint Vrain	3	68	90
South Platte	3	62	88

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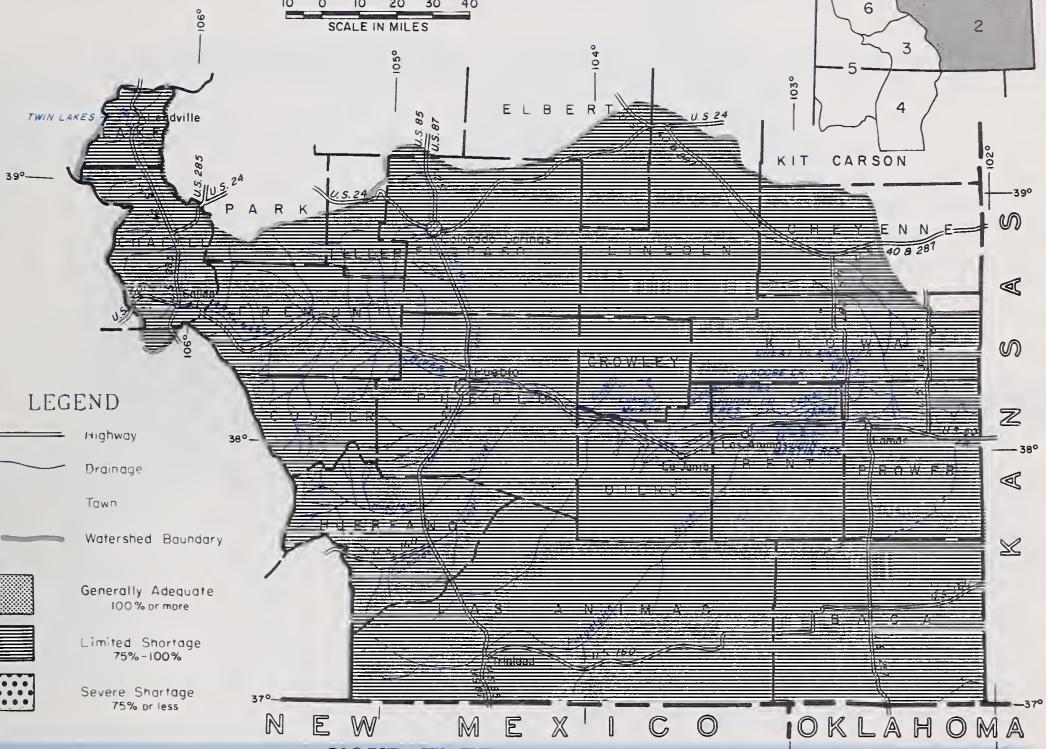
WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
ARKANSAS RIVER WATERSHED IN COLORADO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



10 0 10 20 30 40
SCALE IN MILES



YOUR WATER SUPPLY

THERE COULD BE SOME WATER SHORTAGES IN THE ARKANSAS BASIN THIS SUMMER. THEY SHOULD NOT BE SEVERE IF WE HAVE A NORMAL MELT PERIOD. FORECASTS RANGE FROM 80% OF NORMAL ON THE PURGATOIRE TO 91% ON THE ARKANSAS MAINSTEM. SOIL MOISTURE IS LISTED AS POOR TO FAIR. CARRYOVER STORAGE IS ALMOST NON-EXISTENT. WATER SUPPLY FORECASTS ARE BASED ON NEAR NORMAL CLIMATIC CONDITIONS FOR THE REMAINDER OF THE YEAR.

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Arkansas River near Pueblo (1)	265	91	290
Arkansas River at Salida (1)	280	90	313
Cucharas River near La Veta	8	80	10
Huerfano River near Redwing	13	87	15
Purgatoire River at Trinidad	30	80	38

(1) Observed flow plus change in Clear Creek, Twin Lakes and Turquoise Reservoirs minus diversions through Busk Ivanhoe, Boustead, Divide, Twin Lakes and Homestake Tunnels and Ewing, Front Pass, Wurtz and Columbine ditches.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Apishapa River	Fair	Poor
Fountain Creek	Fair	Poor
Grape Creek	Fair	Poor
Hardscrabble Creek	Fair	Poor
Monument Creek	Fair	Poor

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Adobe	62	0	0	16
Clear Creek	11	5	0	8
Cucharas	40	0	0	3
Great Plains	150	0	0	57
Horse Creek	27	4	0	7
John Martin	354	0	0	73
Meredith	42	0	0	13
Model	15	0	0	3
Turquoise	121	42	34	--
Twin Lakes	58	10	11	22
Pueblo	354	24	--	--

* 1958-1972 period.

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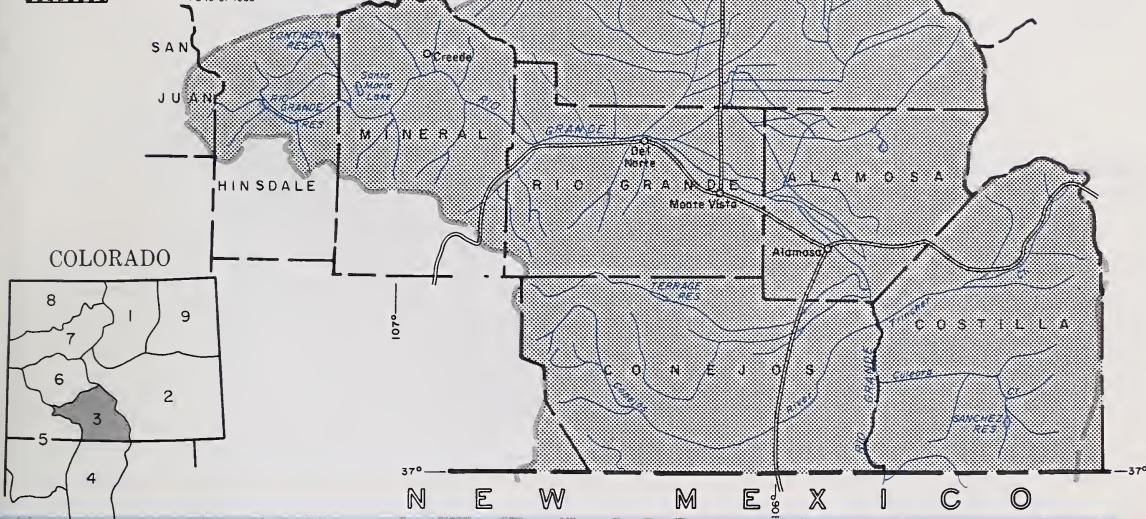
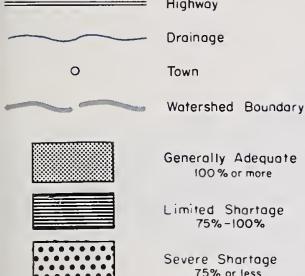
WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
UPPER RIO GRANDE WATERSHED IN COLORADO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO

LEGEND

10 0 10 20 30 40
SCALE IN MILES



YOUR WATER SUPPLY

WATER SUPPLIES SHOULD BE ADEQUATE FOR ALL USERS IN THE RIO GRANDE BASIN THIS SUMMER. FORECASTS BASED ON WINTER SNOWPACK ARE FOR BETTER THAN AVERAGE STREAMFLOW. THE SNOWPACK AT THE HIGHER ELEVATIONS IS EXTREMELY GOOD. CARRY-OVER STORAGE IS NORMAL. FORECASTS ARE BASED ON NORMAL PRECIPITATION FOR THE REMAINDER OF THE YEAR.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	* Average
Alamosa Creek above Terrace Reservoir	70	89	62
Conejos River near Mogote (1)	200	109	184
Culebra Creek at San Luis (2)	17	100	17
Rio Grande at 30 Mile Bridge (3)	135	112	121
Rio Grande near Del Norte (3)	525	112	468
South Fork of Rio Grande at South Fork	130	113	115

(1) Observed flow plus change in storage in Platoro Reservoir. (2) Observed flow plus change in storage in Sanchez Reservoir. (3) Observed flow plus change in storage in Santa Maria, Rio Grande and Continental Reservoirs.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Saguache Creek	Avg.	Avg.
Sangre de Cristo Cr.	Avg.	Avg.
Trinchera Creek	Avg.	Avg.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF		
		Last Year	Average	*
Alamosa	2	70	131	
Conejos	2	61	133	
Culebra	2	49	138	
Rio Grande	10	59	126	

RESERVOIR STORAGE (Thousands Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Continental	27	6	4	7
Platoro	60	14	19	10
Rio Grande	46	20	10	20
Sanchez	103	7	7	15
Santa Maria	45	10	5	8
Terrace	18	--	5	7

* 1958-1972 period.

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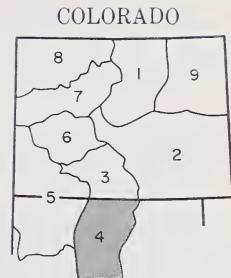
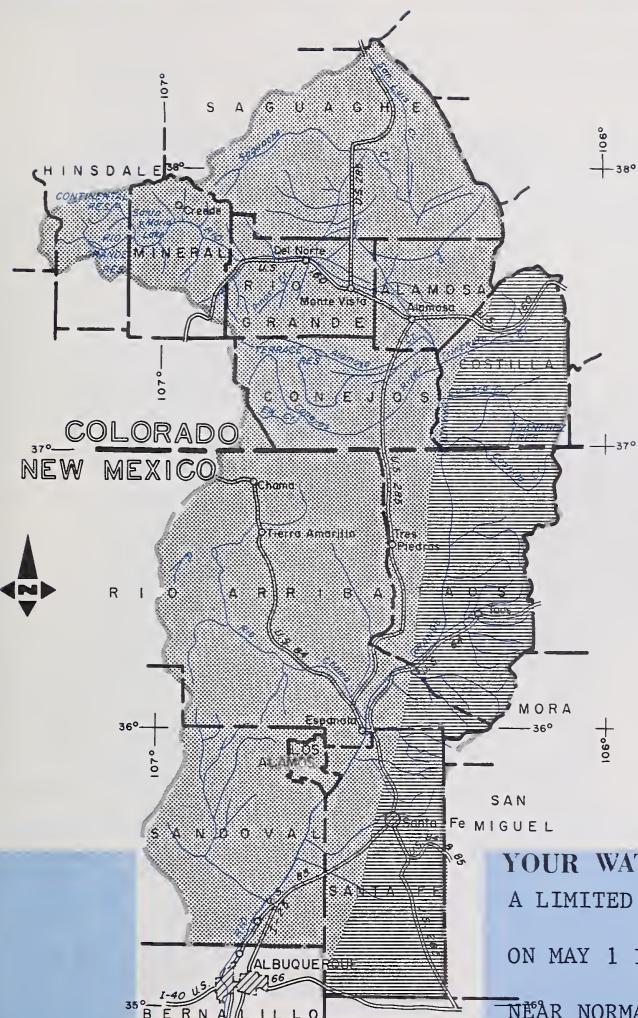
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WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
RIO GRANDE WATERSHED IN NEW MEXICO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



LEGEND

———	Highway
~~~~~	Drainage
○	Town
~~~~~	Watershed Boundary
████████	Generally Adequate 100% or more
██████	Limited Shortage 75%-100%
███████	Severe Shortage 75% or less

10 0 10 20 30 40
SCALE IN MILES

YOUR WATER SUPPLY

A LIMITED NUMBER OF SNOW COURSES ARE READ
ON MAY 1 IN NEW MEXICO. THESE INDICATED
NEAR NORMAL WEATHER CONDITIONS PREVAILED

IN THE MOUNTAINS DURING APRIL. AS A RESULT ALL FORECASTS ARE THE SAME AS LAST
MONTH AND RANGE FROM SLIGHTLY ABOVE AVERAGE ON MAJOR RIVERS TO NORMAL ON SMALL
STREAMS. RESERVOIR STORAGE IS HIGHLY VARIABLE.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) March—July

FORECAST POINT	FORE-CAST	% of Average	Average *
Costilla Creek at Costilla (1)	17	89	19
Jemez River near Jemez	22	76	29
Pecos River at Pecos	35	85	41
Red River at Mouth near Questa	27	93	29
Rio Chama at El Vado	200	105	190
Rio Grande at Otowi (2)	600	114	526
Rio Grande at San Marcial (2)	415	117	355
Rio Hondo near Valdez	14	100	14
Santa Cruz River at Cundiyo	10	77	13

(1) Observed flow plus change in Costilla Reservoir. (2) Observed flow plus change in storage in El Vado and Abiquiu Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Embudo Creek	Avg.	Avg.
Mora River	Avg.	Poor
Nambe Creek	Avg.	Avg.
Rio Ojo Caliente	Avg.	Avg.
Rio Pueblo de Taos	Avg.	Avg.
Santa Fe Creek	Avg.	Avg.

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Alamogordo	111	5	52	62
Avalon	5	1	2	--
Caballo	344	58	73	83
Conchas	273	81	132	175
El Vado	195	157	131	28
Elephant Butte	2195	576	372	380
McMillan	34	9	15	--

* 1958-1972 period.

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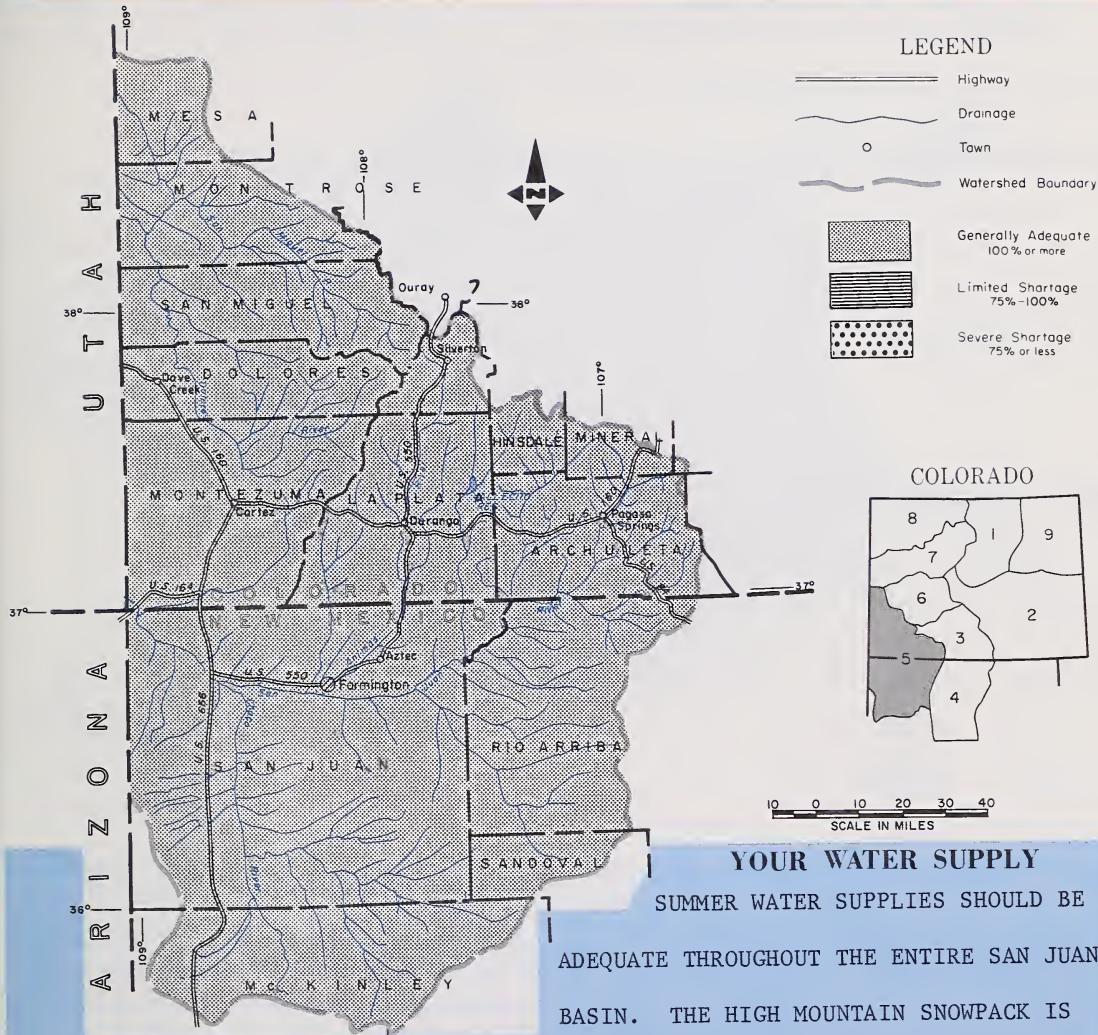


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WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN
WATERSHEDS IN COLORADO AND NEW MEXICO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



This report prepared by

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SANTA FE, NEW MEXICO

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Animas River at Durango	450	106	423
Dolores River at Dolores	240	103	232
La Plata River at Hesperus	24	100	24
Los Pinos River at Bayfield (1)	205	104	198
Mancos River near Towac	16	114	14
Inflow to Navajo River (1 & 2)	680	114	597
Piedra Creek at Arboles	210	114	185
San Juan River at Carracas	400	113	354
San Miguel River at Placerville	140	108	130

(1) Observed flow plus change in storage in Vallecito Reservoir. (2) April—July

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Florida River	Exc.	Avg.
Hermosa Creek	Exc.	Avg.
West Dolores River	Exc.	Avg.
Williams Creek	Exc.	Avg.

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Groundhog	22	12	9	12
Jackson Gulch	10	8	7	7
Lemon	40	25	8	25
Navajo	1696	1120	1054	944*
Vallecito	126	74	29	68

*Less than 15 yrs.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Animas	6	49	102
Dolores	4	28	80
San Juan	4	70	127

* 1958-1972 period.

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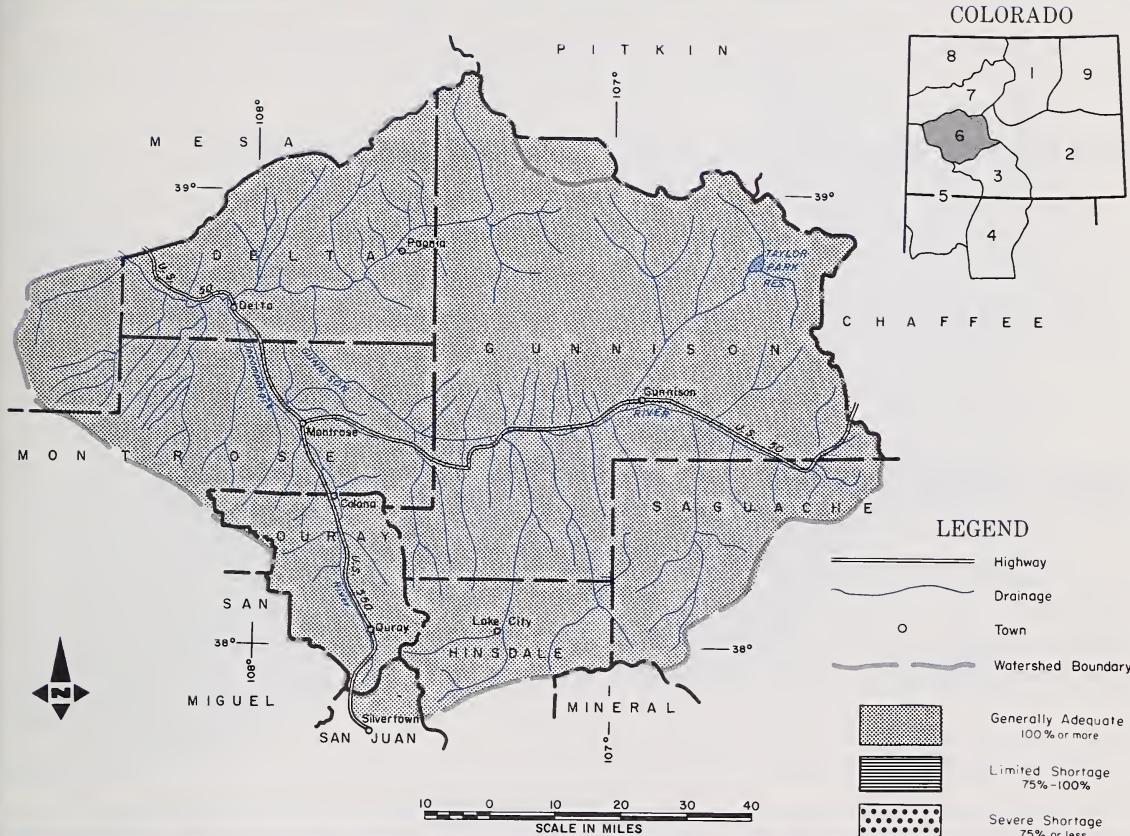


FIRST CLASS MAIL

WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
GUNNISON RIVER WATERSHED IN COLORADO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

PROSPECTIVE WATER SUPPLIES FOR THE ENTIRE BASIN ARE ALL AVERAGE OR ABOVE.

APRIL BROUGHT NEAR AVERAGE PRECIPITATION IN THE MOUNTAIN AREAS. LOW ELEVATION MELT PROGRESSSED NORMALLY DURING APRIL. SOIL MOISTURE IN IRRIGATED AREAS HAS IMPROVED SOMEWHAT FROM LAST MONTH BUT REMAINS RATED AS FAIR. RESERVOIR STORAGE IS EXCELLENT PRIOR TO THE BEGINNING OF THE MAIN SPRING RUNOFF.

This report prepared by

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Gunnison River inflow to Blue Mesa Reservoir (1)	840	106	793
Gunnison River near Grand Junction (2)	1250	106	1184
North Fork of Gunnison (3)	280	106	263
Surface Creek near Cedaredge	16	100	16
Uncompahgre River at Colona	150	112	134

(1) Observed flow plus change in storage in Taylor Reservoir. (2) Observed flow plus change in storage in Blue Mesa, Morrow Point and Taylor Reservoirs.
 (3) Observed flow plus change in storage in Paonia Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Ohio Creek	Avg.	Avg.
Slate River	Avg.	Avg.
Taylor River	Avg.	Avg.
Tomichi Creek	Avg.	Avg.

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Blue Mesa	830	431	260	308
Morrow Point	121	116	114	115
Taylor	106	57	50	62

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Gunnison	12	55	93
Surface Creek	3	75	107
Uncompahgre	3	51	105

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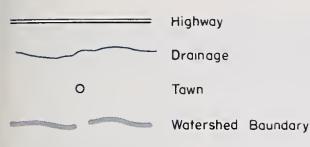
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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
COLORADO RIVER WATERSHED IN COLORADO**

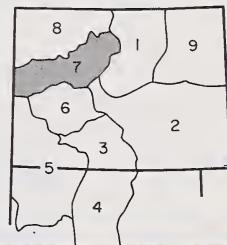
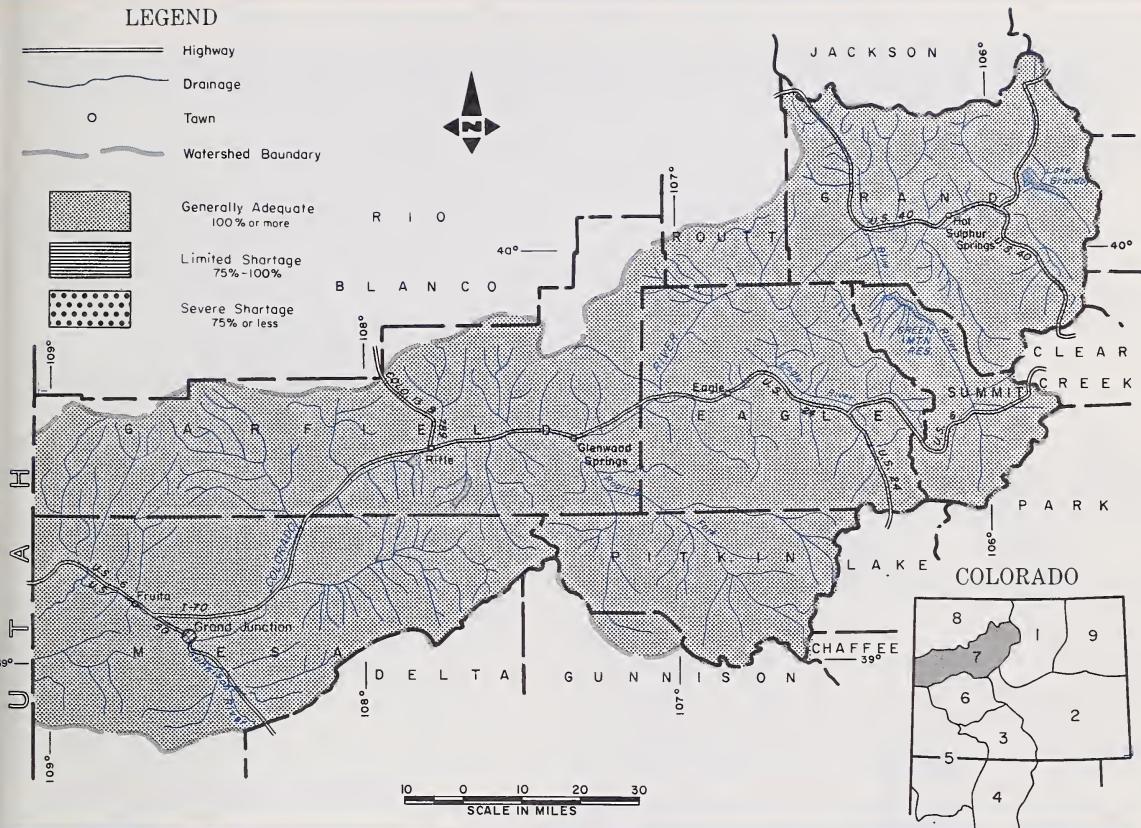
as of
MAY 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**

LEGEND



Generally Adequate
100% or more
Limited Shortage
75%-100%
Severe Shortage
75% or less



YOUR WATER SUPPLY

SPRING AND SUMMER STREAMFLOW IS FORECAST TO BE SLIGHTLY BELOW AVERAGE FOR NEARLY ALL THE BASIN BARRING ABNORMAL SPRING PRECIPITATION. WATER SUPPLIES SHOULD BE ADEQUATE TO MEET ALL DEMANDS, HOWEVER, THE MOUNTAIN SNOWPACK VARIES FROM A LOW OF NEAR 75% OF NORMAL IN THE UPPER COLORADO TO 112% ON PLATEAU CREEK. RESERVOIR STORAGE IS NEAR AVERAGE FOR THIS TIME OF YEAR. VALLEY SOIL MOISTURE IS RATED AS FAIR.

This report prepared by

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Blue River inflow to Dillon Reservoir	145	86	169
Blue River inflow to Green Mountain Reservoir (1)	265	89	297
Colorado River near Cameo (6)	2200	93	2370
Colorado River near Dotsero (3)	1300	91	1434
Colorado River inflow to Granby Reservoir (2)	200	88	228
Roaring Fork at Glenwood Springs (4)	710	85	713
Williams Fork near Parshall (5)	50	80	63
Willow Creek inflow to Willow Creek Reservoir	45	96	47

(1) Observed flow plus diversions through Roberts Tunnel and change in storage in Dillon Reservoir. (2) Observed flow corrected for change in storage in Lake Granby as furnished by U.S.B.R. and diversions by Adams Tunnel and Grand River Ditch. (3) Observed flow plus the changes as indicated in (1), (2) and (5) plus Moffat Ditch and change in Homestake, Williams Fork, Green Mt. and Willow Creek Reservoirs. (4) Observed flow plus diversions through Divide and Twin Lakes Tunnels plus change in storage in Ruedi Reservoir. (5) Observed flow plus diversions through August P. Gumlick Tunnel. (6) Observed flow plus the changes as indicated in (3) and (4).

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Brush	Avg.	Fair
Eagle River	Avg.	Fair
Gypsum Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Dillon	254	224	205	229
Granby	466	275	278	209
Green Mountain	139	53	44	45
Homestake	43	0	25	11
Ruedi	101	55	53	55
Vega	32	15	9	15
Williams Fork	97	45	35	29
Willow Creek	9	7	6	6

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Blue River	8	74	88
Colorado	20	68	76
Plateau	3	80	112
Roaring Fork	7	78	105
Williams Fork	3	60	77
Willow	2	72	97

* 1958-1972 period.

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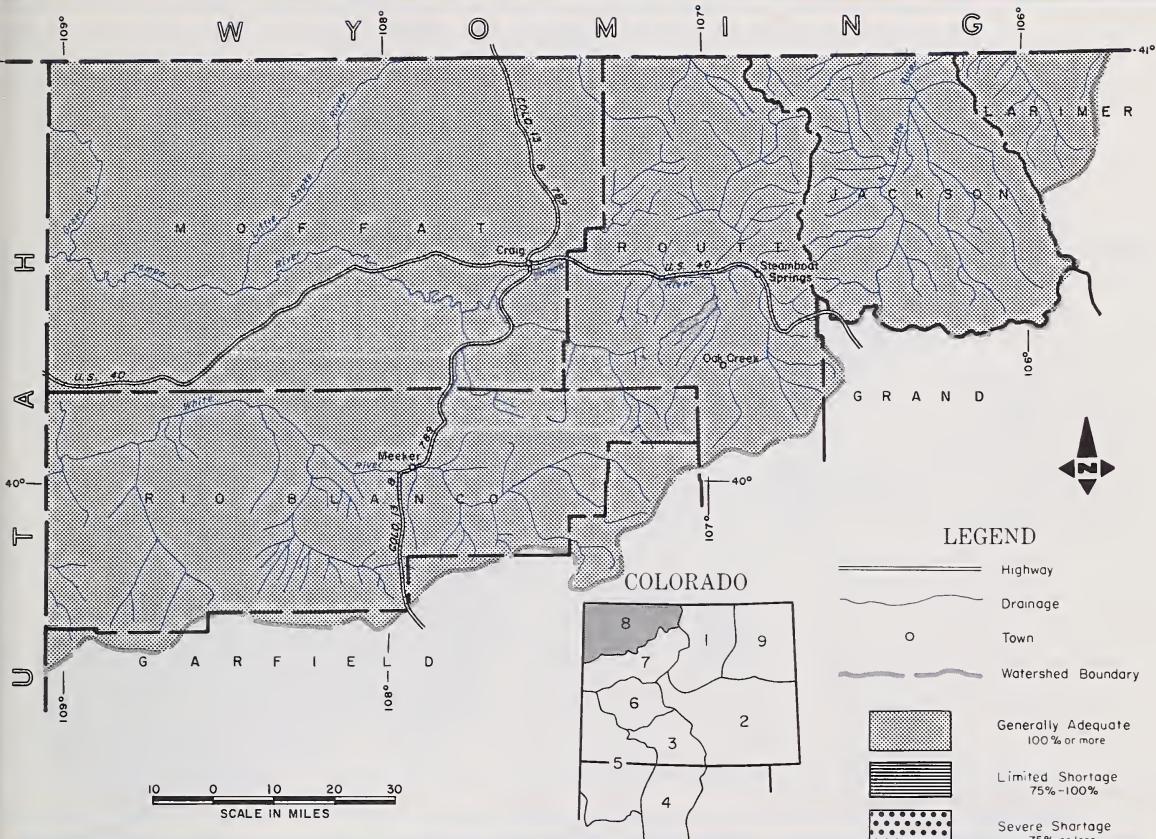
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
YAMPA, WHITE, AND NORTH PLATTE RIVER WATERSHEDS
IN COLORADO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

NEAR NORMAL AMOUNTS OF PRECIPITATION WERE RECEIVED IN MOUNTAIN AREAS DURING APRIL. AS A RESULT, STREAMFLOW FORECASTS FOR THE MAJOR RUNOFF PERIOD ARE ABOUT THE SAME AS LAST MONTH. THEY RANGE FROM NEAR AVERAGE ON THE WHITE TO ABOUT 15% BELOW ON THE YAMPA. LOW ELEVATION MELT HAS PROGRESSED NORMALLY THROUGH APRIL.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Elk River at Clark	185	93	198
Laramie River near Woods	140	110	127
Little Snake River at Lily	295	91	324
North Platte River at Northgate	245	102	240
White River near Meeker	295	100	295
Yampa River near Maybell	770	85	905
Yampa River at Steamboat Springs	230	84	274

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Canadian River	Avg.	Fair
Hunt Creek	Avg.	Fair
Illinois River	Avg.	Fair
Michigan River	Avg.	Fair
Oak Creek	Avg.	Fair
Trout Creek	Avg.	Fair

SUMMARY of SNOW MEASUREMENTS
(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Elk	2	61	94
Laramie	3	114	109
North Platte	5	81	96
White	2	64	106
Yampa	6	62	84

* 1958-1972 period.

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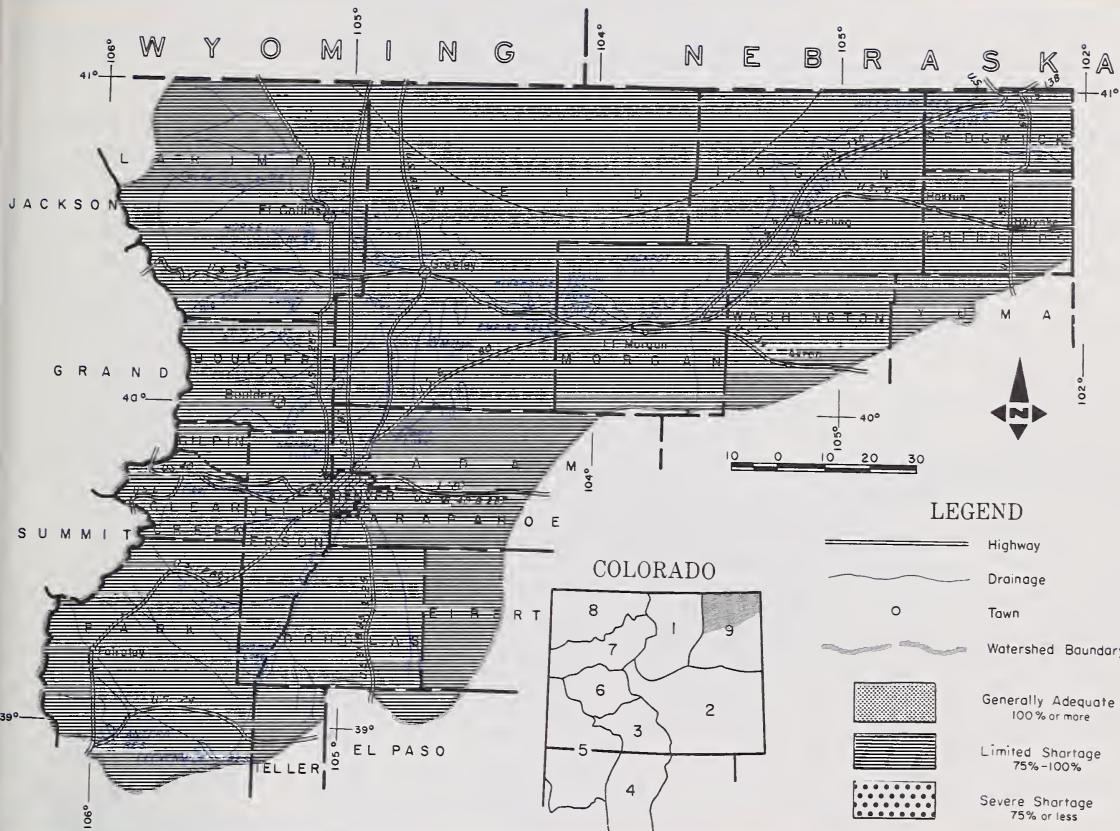


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WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
LOWER SOUTH PLATTE RIVER WATERSHED IN COLORADO

as of
MAY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

CARRYOVER STORAGE IS SLIGHTLY BETTER THAN NORMAL ON THE LOWER PLATTE DRAINAGE AND WILL HELP OFFSET THE BELOW AVERAGE STREAMFLOW. FOR THE FIRST TIME IN SEVERAL YEARS SUMMER FLOWS ARE EXPECTED TO BE CONSIDERABLY BELOW NORMAL. EARLY SEASON FLOW SHOULD BE NEAR NORMAL, BUT LATE SEASON FLOWS WILL BE POOR.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average*
Big Thompson River at Drake (1)	88	82	107
Boulder Creek at Orodell	35	71	49
Cache La Poudre River at Canyon Mouth (2)	220	89	247
Clear Creek at Golden (3)	90	71	127
Saint Vrain Creek at Lyons (4)	60	80	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. G. Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
South Platte from Greeley to Fort Morgan	Fair	Poor
South Platte from Fort Morgan to Sterling	Fair	Poor
South Platte below Sterling	Fair	Poor

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average*
Big Thompson	5	71	81
Boulder	3	81	83
Cache La Poudre	7	89	99
Clear Creek	6	77	85
Saint Vrain	3	68	90
South Platte	3	62	88

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Carter	109	106	109	99
Cheesman	79	43	50	60
Eleven Mile	98	98	97	89
Empire	38	35	35	33
Horsetooth	144	126	115	121
Jackson	35	32	35	33
Julesburg	28	24	24	23
Point of Rocks	70	72	70	66
Prewitt	33	27	27	23
Riverside	58	58	60	58

* 1958-1972 period.

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APPENDIX I

SNOW COURSE MEASUREMENTS as of MAY 1, 1976

SNOW COURSE	CURRENT INFORMATION			PAST RECORD		SNOW COURSE	CURRENT INFORMATION			PAST RECORD		
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	Avg 58-72	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	Avg 58-72
NORTH PLATTE BASIN												
<u>Laramie River</u>							<u>Cucharas River</u>					
Deadman Hill	4/28	45	16.1	16.0	18.0		Apishapa	4/29	0	0.0	5.7	3.3
McIntyre	4/27	30	11.3	9.7	10.1		Cucharas Creek	4/28	14	4.7	10.9	---
Roach	4/27	64	23.4	19.0	18.5		La Veta Pass (B)	4/28	0	0.0	7.3	2.1
<u>North Platte River</u>							<u>Purgatoire River</u>					
Cameron Pass	4/27	77	37.0	33.6	31.2		Bourbon	4/29	2	0.4	7.3	2.5
Columbine Lodge	4/29	32	14.2	27.9	22.0		RIO GRANDE BASIN-COLO					
Northgate	4/27	10	3.4	4.2	3.7		<u>Alamosa River</u>					
Park View	4/28	19	6.4	9.2	6.5		Silver Lakes	4/28	0	0.0	6.4	0.7
Willow Cr. Pass (B)	4/28	28	10.5	13.3	11.0		Summitville	4/26	74	25.9	30.4	19.0
SOUTH PLATTE BASIN							<u>Conejos River</u>					
<u>Boulder Creek</u>							Cumbres	4/30	31	15.3	26.3	13.7
Baltimore	4/28	8	2.5	5.7	3.9		La Manga	4/30	45	18.6	29.2	---
Boulder Falls	4/29	29	11.3	13.3	13.1		Platoro	4/29	40	16.9	26.5	10.5
University Camp	4/29	45	16.9	19.1	19.9		River Springs	4/30	0	0.0	---	0.3
<u>Big Thompson River</u>							<u>Culebra River</u>					
Deer Ridge	4/30	1	0.2	6.4	2.7		Brown Cabin	NS	---	---	5.9	---
Hidden Valley	4/30	30	9.4	11.7	11.6		Cottonwood (B)	NS	---	---	---	---
Lake Irene (B)	4/28	55	19.1	22.8	22.9		Culebra	4/28	24	8.3	9.5	3.9
Long's Peak	4/30	37	11.4	17.1	12.5		La Veta Pass (B)	4/28	0	0.0	7.3	2.1
Two Mile	4/30	49	14.8	19.7	17.9		Trinchera (B)	NS	---	---	9.4	---
<u>Cache La Poudre</u>							<u>Rio Grande</u>					
Bennett Creek	4/28	14	3.9	5.8	---		Cochetopa Pass	4/27	10	2.9	10.5	3.3
Big South	4/26	0	0.0	0.2	0.6		Grayback	4/26	57	20.2	24.1	---
Cameron Pass	4/27	77	37.0	33.6	31.2		Hiway	4/30	82	31.8	39.4	25.8
Chambers Lake	4/26	9	4.4	10.9	6.0		Lake Humphrey	4/27	3	1.3	9.1	0.9
Deadman Hill	4/28	45	16.1	16.0	18.0		Love Lake	4/27	18	6.5	14.1	---
Hourglass Lake	4/28	20	5.2	6.8	6.0		Pass Creek	4/30	19	7.1	18.4	3.5
Joe Wright	4/27	68	26.8	28.0	---		Pool Table	4/27	12	3.3	8.4	2.4
Lost Lake	4/26	27	9.2	12.7	9.9		Porcupine	4/29	24	7.2	16.4	7.4
Red Feather	4/28	17	4.5	5.5	5.1		Santa Maria	4/29	0	0.0	7.3	0.8
<u>Clear Creek</u>							Upper Rio Grande	4/29	9	3.5	13.5	2.2
Baltimore (B)	4/28	8	2.5	5.7	3.9		Wolf Creek Pass	4/30	68	31.4	43.2	21.5
Berthoud Falls	4/28	25	8.6	15.6	12.4		Wolf Cr. Summit (B)	4/30	87	35.2	42.9	30.4
Empire	4/28	25	7.7	10.3	6.9		RIO GRANDE BASIN-NM					
Grizzly Peak (B)	4/28	52	17.9	21.1	20.1		Chamita	4/30	0	0.0	8.5	0.2
Loveland Lift	4/28	55	17.5	22.5	24.0		Hopewell	4/28	24	9.7	24.3	---
Loveland Pass	4/28	40	16.1	16.4	15.0		Rio En Medio	4/29	0	0.0	7.6	---
<u>St. Vrain River</u>												
Copeland Lake	4/30	6	1.8	5.2	2.4							
Ward	4/29	14	4.8	6.7	5.6							
Wild Basin	4/30	35	11.6	14.8	12.3							
<u>South Platte River</u>												
Como	4/29	12	4.0	8.1	---							
Geneva Park	4/30	7	1.4	3.3	1.9							
Horseshoe Mt.	4/28	29	9.6	14.0	---							
Hoosier Pass	4/30	38	11.8	17.6	12.9							
Jefferson Creek	4/29	23	7.0	11.7	8.1							
Mosquito	4/29	11	3.8	13.4	---							
Trout Creek Pass	4/28	0	0.0	5.6	---							
ARKANSAS BASIN												
<u>Arkansas River</u>												
Bigelow Divide	4/28	7	2.0	7.7	3.6							
Cooper Hill (B)	5/03	40	11.8	13.0	12.1							
East Fork	4/29	16	5.7	10.3	7.5							
Four Mile Park	4/28	2	0.4	5.1	1.4							
Fremont Pass	4/29	54	17.9	20.7	18.1							
Garfield	4/30	18	6.5	19.9	8.6							
Hermit Lake	4/29	9	2.7	18.0	---							
Monarch Pass	4/30	33	10.9	24.8	16.3							
Tennessee Pass	4/29	20	4.6	13.0	8.5							
Twin Lakes Tunnel	4/29	29	8.6	13.4	9.4							
Westcliffe	4/29	0	0.0	11.5	1.6							

NOTE: NS - No Survey

(B) - On Adjacent Drainage

APPENDIX I

SNOW COURSE MEASUREMENTS as of MAY 1, 1976

SNOW COURSE	CURRENT INFORMATION			PAST RECORD		SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR	Avg 58-72	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	LAST YEAR
SAN JUAN-DOLORES BASIN											
<u>Animas River</u>											
Cascade	4/28	0	0.0	18.7	4.2						
Lemon #2	4/30	0	0.0	17.3	---						
Mineral Creek	4/28	30	12.6	24.8	11.6						
Molas Lake	4/28	16	6.2	20.8	7.8						
Purgatory	4/28	41	17.4	34.3	---						
Red Mt. Pass (B)	4/28	85	35.1	46.8	32.5						
Silverton Sub-Sta.	4/28	0	0.0	10.4	0.3						
Spud Mountain	4/28	56	25.6	40.3	21.7						
<u>Dolores River</u>											
Lizard Head	4/29	38	9.4	29.5	14.9						
Lone Cone	4/29	29	12.0	22.5	---						
Ophir Loop	4/28	45	13.9	---	---						
Rico	4/29	0	0.0	8.2	0.1						
Telluride	4/28	0	0.0	12.5	1.4						
Trout Lake	4/28	28	11.1	24.2	9.1						
<u>San Juan River</u>											
Chama Divide (B)	NS	--	---	---	0.0						
Chamita (B)	4/30	0	0.0	8.5	0.2						
Upper San Juan	4/30	67	31.5	45.2	25.0						
Wolf Cr. Pass (B)	4/30	68	31.4	43.0	21.5						
Wolf Cr. Summit	4/30	87	35.2	42.9	30.4						
GUNNISON BASIN											
<u>Gunnison River</u>											
Alexander Lake	4/30	53	21.1	30.9	21.9						
Blue Mesa	4/29	0	0.0	9.7	1.7						
Butte	4/28	33	12.6	18.4	---						
Cochetopa Pass (B)	4/27	10	2.9	10.5	3.3						
Crested Butte	4/28	5	1.9	16.3	7.0						
Keystone	4/29	34	14.0	24.7	17.2						
Lake City	4/28	17	4.8	11.4	4.2						
Mesa Lakes (B)	4/27	49	18.0	24.1	15.8						
McClure Pass	4/26	26	10.1	19.5	9.1						
Park Cone	4/27	22	6.9	11.0	7.3						
Park Reservoir	4/28	66	26.7	33.0	24.0						
Porphyry Creek	4/30	43	13.4	25.0	16.5						
Tomichi	4/30	25	8.2	16.2	10.3						
<u>Surface Creek</u>											
Alexander Lake	4/30	53	21.1	30.9	21.9						
Mesa Lakes	4/27	49	18.0	24.1	15.8						
Park Reservoir	4/28	66	26.7	33.0	24.0						
<u>Uncompahgre River</u>											
Ironton Park	4/29	21	8.0	24.7	7.0						
Red Mountain Pass	4/28	85	35.1	46.8	32.5						
Telluride (B)	4/28	0	0.0	12.5	1.4						
COLORADO BASIN											
<u>Blue River</u>											
Blue River	4/30	16	3.8	8.0	5.9						
Fremont Pass	4/29	54	17.9	20.7	18.1						
Frisco Pass	4/28	12	4.4	8.3	4.7						
Grizzly Peak	4/28	52	17.9	21.1	20.1						
Hoosier Pass (B)	4/30	38	11.8	17.6	12.9						
Shrine Pass	4/29	51	17.9	20.0	20.0						
Snake River	4/28	5	1.2	4.3	3.3						
Summit Ranch	4/29	14	4.3	7.7	4.9						
<u>Colorado River</u>											
Arrow	4/29	25	8.8	12.8	11.1						
Berthoud Pass	4/30	37	11.6	16.6	16.0						
Berthoud Summit	4/28	54	18.9	21.5	21.1						
Cooper Hill	5/03	40	11.8	13.0	12.1						
Fiddler Gulch	5/03	35	11.9	18.1	14.5						
Glenmar Ranch	4/28	7	2.5	7.1	4.4						
Gore Pass	4/29	11	4.7	11.9	7.8						
Grand Lake	4/25	17	4.5	6.7	4.0						
Lake Irene	4/28	55	19.1	22.8	22.9						
Lapland	4/27	18	6.3	10.1	7.3						
Lulu	4/29	49	19.1	23.4	20.3						
Lynx Pass	4/29	20	8.1	14.7	8.4						
McKenzie Gulch	4/29	0	0.0	4.7	1.0						
Middle Fork	4/28	12	4.6	9.5	6.2						
Milner	4/28	29	10.5	12.5	13.1						
North Inlet	4/26	16	4.4	8.9	6.3						
Pando	4/29	20	6.7	11.3	8.0						
Phantom Valley	4/28	15	5.4	10.1	7.0						
Ranch Creek	4/29	24	7.3	7.6	9.4						
Tennessee Pass (B)	4/29	20	4.6	13.0	8.5						
Vail Pass	Destroyed										
Vasquez	4/29	37	11.4	13.0	12.8						
<u>Roaring Fork</u>											
Aspen	4/27	55	23.0	21.6	17.7						
Independence Pass	4/29	41	15.1	18.5	16.8						
Ivanhoe	4/27	52	20.2	21.9	17.7						
Kiln	4/27	38	14.4	16.3	---						
Lift	4/27	46	19.3	20.2	19.0						
McClure Pass	4/26	26	10.1	19.5	9.1						
Nast	4/27	2	0.7	5.0	2.0						
North Lost Trail	4/26	18	6.9	15.8	8.3						
<u>Williams Fork River</u>											
Glenmar Ranch	4/28	7	2.5	7.1	4.4						
Jones Pass	4/30	41	13.3	17.3	15.8						
Middle Fork	4/28	12	4.6	9.5	6.2						
<u>Willow Creek</u>											
Granby	4/28	11	4.1	7.1	4.0						
Willow Cr. Pass	4/28	28	10.5	13.3	11.0						
<u>Plateau Creek</u>											
Mesa Lakes	4/27	49	18.0	24.1	15.8						
Park Reservoir	4/28	66	26.7	33.0	24.0						
Trickle Divide	4/28	73	30.3	36.6	26.9						
YAMPA BASIN											
<u>Elk River</u>											
Elk River #2	4/29	35	14.6	20.7	15.4						
Hahn's Peak	4/29	18	7.8	15.8	8.5						
<u>White River</u>											
Burro Mountain	4/29	38	16.8	23.6	15.0						
Rio Blanco	4/28	22	9.5	17.6	9.8						
<u>Yampa River</u>											
Bear River	4/27	20	8.0	12.1	7.5						
Columbine (B)	4/29	32	14.2	27.9	22.0						
Crosho	4/27	30	10.8	17.3	---						
Dry Lake	4/28	39	15.7	22.6	16.9						
Lynx Pass (B)	4/29	20	8.1	14.7	8.4						
Rabbit Ears	4/29	56	23.4	31.5	27.1						
Tower	4/28	111	46.8	61.5	---						
Yampa View	4/29	16	7.2	15.5	9.3						

NOTE: NS - No Survey

(B) - On Adjacent Drainage

LIST of COOPERATORS

The following organizations cooperate in snow surveys for the Colorado, Platte, Arkansas and Rio Grande watersheds. Many other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

STATE

Colorado State Engineer
New Mexico State Engineer
Nebraska State Engineer
Colorado State University Experiment Station
Rocky Mountain Forest and Range Experiment Station

FEDERAL

Department of Agriculture

Forest Service
Soil Conservation Service

Department of Interior

Bureau of Reclamation
Geological Survey
National Park Service
Indian Service

Department of Commerce

NOAA, National Weather Service

Defence Department

Army Engineer Corps

Atomic Energy Commission

INVESTOR OWNED UTILITIES

Colorado Public Service Company
Public Service Company of New Mexico

MUNICIPALITIES

City of Denver City of Greeley
City of Boulder City of Fort Collins

WATER USERS ORGANIZATIONS

Arkansas Valley Ditch Association
Colorado River Water Conservation District

IRRIGATION PROJECTS

Farmers Reservoir and Irrigation Company
San Luis Valley Irrigation District
Santa Maria Reservoir Company
Costilla Land Company
Uncompahgre Valley Water Users' Association
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